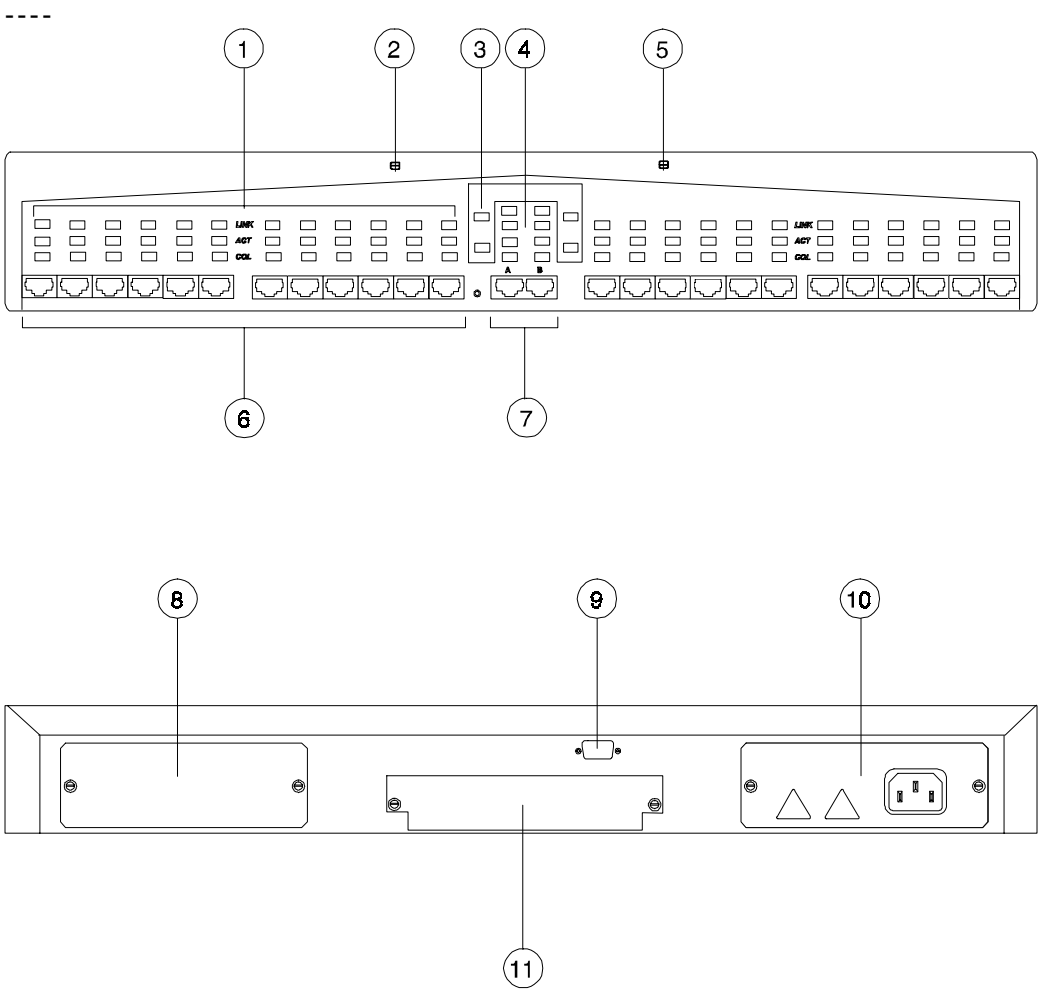
OVERVIEW

BENEFITS AT A GLANCE

- VLAN allows users to configure useful VLAN environments from the perspective of broadcast control, network segmentation and network security issues
- Remote monitoring (RMON) gives the management system the capability to remotely monitor the switch for diagnostic purposes
- Multiple high-speed uplink ports provide high-speed connections (TX and/or FX) to backbones, servers, or other 100 Mb/s devices
- 10/100Base-TX ports are dual speed and auto-sensing to provide flexibility in connectivity
- ASIC-based design means that switching instructions are implemented in hardware rather than firmware—providing higher performance, reliability and lower cost
- Full duplex support on every port increases network transfer rates up to 20 Mb/s on 10Base-T ports and 200 Mb/s on 100Base-TX and 100Base-FX ports
- VT-100 serial port/Telnet Management for managing the switch over the LAN or via the Internet
- Spanning Tree support allows set up of redundant links for maximum up-time
- Netelligent Management Software is included to help users manage their network
- Three-year limited warranty[1]

[1]Certain restrictions and exclusions apply. Contact Compaq Networking Products Division Sales at 1-800-544-5255 or the Compaq Networking Technical Support Center (post sales) at 1-800-386-2172 for details.



1. Link, Activity, and Collision LEDs
2. Power “A” On Indicator
3. Modular Port Insert and Activity LEDs
4. Fixed 10/100Base-TX Port Link, Activity, Collision and 100TX LEDs
5. Power “B” On Indicator
6. Fixed 10Base-T Ports
7 Fixed 10Base-T PortsFixed 10/100Base-TX Ports
8. Empty Slot for Optional Redundant Power Supply Module
9. Serial Com Port
10. Modular Power Supply
11. Empty Slot for Optional 2-port Fast Ethernet Uplink Module

MODEL

Compaq Netelligent 5226A
24-port Ethernet Switch with two 10/100Base-TX Uplink Ports and Optional Uplink Slot

322900-001
(US only)

322902-B31
(International)

The Compaq Netelligent 5226A Ethernet Switch delivers unsurpassed performance and flexibility. Designed for workgroup applications, the Netelligent 5226A Ethernet Switch provides full and half duplex operation on every 10Base-T port and each high-speed uplink port. The 5226A also has a three-year limited warranty and includes Compaq Netelligent Management Software.

STANDARD FEATURES

Performance Leader

Compaq sets the standard for simple, cost-effective Ethernet switching. The Netelligent 5226A Ethernet Switch is the ideal networking device for workgroup environments that need expansion or improved performance.

Performance by Design

The Compaq developed Application Specific Integrated Circuit (ASIC) of the Netelligent 5226A Ethernet Switch provides high-end performance in workgroup environments. The Netelligent 5226A is full duplex capable, providing a total of 1.05 Gb/s throughput for day-to-day usage or critical applications.

Flexibility

The Netelligent 5226A Ethernet Switch provides flexibility in network design and switch placement. 24 10Base-T ports provide downstream connectivity to hubs, PCs, or other switches. Two fixed 10/100Base-TX ports provide high-speed uplinks to backbones and server farms. An optional uplink module offers two additional Fast Ethernet ports – 10/100Base-TX or 100Base-FX. The 10/100Base-TX ports (both fixed and modular) have full auto-negotiation capabilities for full or half duplex. The 10Base-T and 100Base-FX ports are configurable in full or half duplex mode.

Manageability

The Netelligent 5226A provides sophisticated SNMP, RMON (groups 1, 2, 3, and 9), RMON probe support and port-level VLAN as standard management features. Utilizing the on-board management engine, the Netelligent 5226A provides both in-band management (through any Ethernet port) and out-of-band management (through the RS232 port). The Netelligent 5226A switch includes Compaq Netelligent Management Software (CNMS), so the user can immediately configure the switch, get detailed port-level information or graph performance statistics.

Remote Management via the Web

CNMS includes a SNMP proxy Web-based management tool. This HTML-based application is used in conjunction with CNMS to provide an easy to use and flexible network management platform. The Web browser interface provides such capabilities as device-level management and configuration, map data, BootP and TFTP services and event log hyperlink displays.

World Class Compaq Reliability

The Compaq designed ASIC switch engine improves performance, lowers cost and increases reliability.

Dual Redundant Power

The Netelligent 5226A ships standard with a 90-watt power supply. A second optional redundant, 'hot-swappable' power supply may be added for maximum power reliability.

Diagnostic LEDs

Hands free, 'at-a-glance' LEDs display link, collision, network activity, primary and redundant power.

Warranty

Compaq supports this product with a three-year limited warranty[1], one of the longest in the industry.

SPECIFICATIONS

Features

Fixed 10Base-T Ports: 24
Fixed 10/100Base-TX Ports: 2
Modular High-speed Ports: 1 slot supporting 2 ports of 10/100Base-TX or 2 ports of 100Base-FX
MAC Address Table: 8000 Entries
Forwarding Modes: Store & Forward, Cut-through
Buffer Memory: 8 MB-Dynamic
Flow Control: Yes
Management: SNMP, VT-100 (via Telnet or serial cable), 4 groups RMON, roving RMON support, VLAN
802.1d Spanning Tree: Yes

Regulatory Testing

Emission	FCC part 15, Class A
	EN55022/CISPR22 Class A
Immunity	IEC 801-2 (Electrostatic Discharge)
	IEC 801-3 (Radiated Immunity)
	IEC 801-4 (Electrical Fast Transient/Burst)
	EN55101-4 (Conducted Immunity)
Safety	UL 1950, Second Edition (UL's Standard for Information Technology Equipment)
	CAN/CSA C22.2 No. 950-M93
	TÜV Product Services
	EN 60950/1988+A1/1990 + A2/1992
	CE 89/336/EEC (EMC Directive)
Supported Cabling	100Base-TX–CAT5 UTP
	100Base-FX–multi-mode 50/125 or 62.5/125–Micron fiber optic cabling distance for half duplex maximum 412 meters, full duplex 2Km

STANDARD FEATURES *(cont'd)*

Operating Environment

Temperature: 0° to 35°C/32° to 95°F
Humidity: 5% to 95% (noncondensing)
Altitude: 0 to 10,000 ft/0 to 3 km

Storage Environment

Temperature: 0° to 66°C/32° to 151°F
Humidity: 5% to 95% (noncondensing)
Altitude: 0 to 30,000 ft/0 to 9 km

Power Consumption

Power Supply: 120 - 240 VAC/50 - 60 Hz
Wattage Consumption: 57W; BTU/hr = 195

Weight

Unit: 12 lb/5.44 kg
Shipping: 15 lb/6.8 kg

Dimensions (HxWxD)

Unit: 3.5 x 17 x 19.5 in/8.9 x 43.2 x 49.5 cm
Shipping: 11.5 x 22.5 x 21.75 in/29.2 x 57.15 x 55.25 cm

RELATED OPTIONS

100Mb/s Uplink Ports

Optional 10/100Base-TX Uplink Module for 5226A	288907-B21
Optional 100Base-FX Uplink Module for 5226A	288908-B21

Power Supply

Optional Redundant Power Supply Module for 5226A (US only)	322913-001
Optional Redundant Power Supply Module for 5226A (International)	322913-B31

RELATED PRODUCTS

5708TX Dual-Speed Switch	167050-001
5708FX Fast Ethernet Switch	167000-001
5606 100Base-T Mgd. Switch TX	273850-001
5606 100Base-T Mgd. Switch TX-FX	273851-001
5226 Ethernet Switch	288900-001
5000 12-Port Modular 10/100 Switch	266804-001

[1] Certain restrictions and exclusions apply. Contact the Compaq Customer Support Center at 1-800-386-2172 or Netelligent Sales at 1-800-544-5255 for details.